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SKYLAB

- A. Title of investigation: The Great Basin Investigation
- B. Number of investigation: #357
- C. Period covered: Monthly progress report for July, 1974
- D. Contract number: 9-13274
- E. Principal Investigations Management Office, Lyndon B. Johnson Space Center
- F. Technical Monitor name: Martin Miller TF6
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- H. Type of report: Monthly Progress Report for July 1974

(E74-10701) THE GREAT BASIN INVESTIGATION Monthly Progress Report, Jul. 1974 (Nevada Univ.) 2 p HC \$4.00

N74-30690

CSCL 08E

G3/13 Unclas 00701

I. Overall Status:

- 1. Contact negatives from the black and white positive transparencies have been made in house from the 5-190B photography, taken during SL-3 along Track #20. T ese data which were taken on August 12, 1973 at 8:20 in the morning are an excellent example of high resolution low sun angle photography. We have made some in house enlargements of individual frames at a scale of 1:250,000 which are being analyzed in conjunction with the transparent positives in relation to fault studies.
- 2. Small scale low sun angle photography is proving very useful in developing the geologic structural patterns which characterize the Basin and Range province.
- 3. We are currently assisting other investigators in this area who are conducting a geothermal exploration program which NASA Houston flew thermal systems over, on the day and night Mission #268. Current plans to acquire additional high altitude black and white low sun angle photography are being implemented with the agreement that such data will be available for our Skylab studies.
- J. Expected accomplishments for next reporting period.
 - 1. We will be implementing the geothermal contract with J.P.L. during August and September.